

# GENERATOR WASTE PROFILE



City Environmental, Inc.  
(313) 923-0080  
(313) 923-3375 (FAX)

ATRACS No.: \_\_\_\_\_

Sales Rep: CZ

Submit typed or legibly printed profile with analytical and a one (1) quart representative sample.

## CITY ENVIRONMENTAL, INC.

1923 Frederick Street • Detroit, MI 48211

MID 980-891-555

☒ Wastewater Treatment ☐ Chemical Fixation/Stabilization

GENERATOR INFORMATION

Generator Name US EPA Region II

US EPA ID No. NJD 002405736

Plant Name Meadowlands Plating Site

State ID No. same

Site Address 890 Patterson Plank Road

FAX ( ) \_\_\_\_\_

City East Rutherford State NJ

County \_\_\_\_\_ ZIP 07073

Mail Address 2890 Woodbridge Ave., Bldg 209 (MS-211)

City Edison

State NJ ZIP 08837

Authorized Contact M. Solucki

Phone (732) 906.6918

Emergency Contact Chris Lee (Capitol)

Phone (703) 356-3135

BILLING INFORMATION

Customer Capitol Environmental Services

Established Account? ☒ Yes ☐ No

Mailing Address 8229 Boone Blvd, Suite 310

If Yes, Account No. \_\_\_\_\_

City, State, ZIP Vienna, VA 22182

FAX (703) 356-4198

Technical Contact Mike Schubert

Phone (740) 344-2286 / 740-344-2185 fax

Accounting Contact Jerrica Harrington

Phone (703) 356-3135

COMMON NAME OF WASTE: Weak Nitric Acid Liquids - Comp 17

WASTE GENERATION DESCRIPTION

Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) US EPA cleanup of a former plating facility; drums  
has cutted on-site and then analyzed for constituents of concern based on  
has cut results. Vats of plating liquids placed into drums for disposal

\*\* CERCLA approved facilities only

IS A REPRESENTATIVE SAMPLE INCLUDED? ☐ Yes ☒ No

449015



PHYSICAL CHARACTERISTICS

Physical state at 70°F: ☐ Solid ☐ Powder/ Dust ☒ Sludge (40% moisture) ☒ Liquid

Color: black/green/vars

Phases/Layers: ☒ Single ☒ Bi-Layered some ☐ Multi-Layered

Odor: ☒ None ☐ Mild ☐ Strong

Flash Point: ☐ <73°F ☐ 74° - 99°F ☐ 100° - 140°F ☐ 141° - 200°F ☐ >200°F ☒ N.A.

pH Range: ☒ <2 ☐ 2 - 3 ☐ 3 - 7 ☐ 7 - 12.5 ☐ >12.5 ☐ N.A.

Density: ☐ <0.80 ☐ 0.80 - 1.0 ☒ 1.01 - 1.20 ☐ 1.21 - 1.40 Exact: est

CHEMICAL COMPOSITION

<u>nitric acid</u>	<u>4-10</u> %	<u>chromium</u>	<u>10-550 ppm</u>
<u>sulfuric acid</u>	<u>7-10</u> %	<u>copper</u>	<u>10-280 ppm</u>
<u>hydrochloric acid</u>	<u>2-5</u> %	<u>nickle</u>	<u>4-5</u> %
<u>water</u>	<u>75-85</u> %	<u>zinc</u>	<u>10-83 ppm</u>
<u>dirt/sludge</u>	<u>0-10</u> %		<u></u> %

QUANTITY AND CONTAINMENT

SHIPPING MODE: BULK LIQUID ☐ BULK SOLID ☐ DRUMS ☒

OTHER/SPECIAL PACKAGING: \_\_\_\_\_

HIGHWAY ☒ RAIL ☐

SHIPPING VOLUME: 8-10

SHIPPING FREQUENCY: PER WEEK ☐ MONTH ☐ OTHER: one time

SHIPPING INFORMATION

US DOT - SHIPPING DESCRIPTION

Proper Shipping Name: RQ Waste Corrosive Liquid, acidic, inorganic, n.o.s.  
(nitric acid, nickle)

Hazard Class 8 UN/NA Number UN 3266 Packing Group II

EMERGENCY RESPONSE GUIDE # 154

SPECIAL REQUIREMENTS

- Certificate of Disposal Required  
If yes, send to who and where? ☒ Yes ☐ No  
Capitol at billing address
- Are loads to be weighed? ☐ Yes ☒ No
- Hazardous Tax exempt?  
If yes, certificate is required with each manifest. ☒ Yes ☐ No
- Purchase order required?  
If yes, please provide number. ☒ Yes ☐ No  
CAP 42199 CL
- Transportation quotation requested? No

Based on RCRA Regulations (40CFR261) and  
Michigan Hazardous Waste Rules (Act 451)

WASTE CHARACTERIZATION

QUESTION	YES	NO	WASTE CODE(S) (If Applicable)
1. Is this a RCRA Hazardous Waste?	X		0002, 0007
2. Is the waste a Michigan Hazardous Waste (Act 451)?		X	
3. Does the waste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes)	X		0007
4. Does this waste contain total Mercury greater than 260 ppm?		X	
5. Does the waste exhibit Ignitability? (attach results)		X	
6. Does the waste exhibit Corrosivity? (attach results)	X		0002
7. Does the waste contain reactive cyanide greater than 260 ppm?		X	
8. Does the waste contain reactive sulfide greater than 500 ppm?		X	
9. Does the waste meet any F listing description?		X	
10. Does the waste meet any K listing description?		X	
11. Does the waste meet any P listing description?		X	
12. Does the waste meet any U listing description?		X	
13. Is this waste subject to Benzene NESHA regulations? (>10 ppm, Benzene by weight)		X	
14. Is this waste a <u>non-hazardous</u> liquid waste regulated under Michigan Act 451, Part 121?		X	
15. Does the waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm?		X	
16. Is waste generated as a result of UST activity, regulated under 40 CFR 260? (If yes, what was the contents of the tank? _____ )		X	
17. Does this waste contain used oil? (If yes, Total Halogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN)		X	
18. Is the waste exempt under CESQG regulation 40 CFR 261.5? (If yes, must submit CESQG Certification)		X	
19. Is this waste regulated under Subpart CC air emission standards (VOC ≥ 500 PPMW)? If yes, please submit any VOC analysis.		X	
20. Does this waste contain metal fines/powders?		X	
21. Does this waste exhibit any radioactivity?		X	
22. Is this waste pyrophoric, air reactive or explosive?		X	

Based on either TCLP (attach results) or Generator knowledge indicate in the boxes the constituents for which the waste is hazardous.

CHARACTERISTICS AND TCLP ANALYSIS

METALS	mg/L	Yes	No	BASE NEUTRAL EXTRACT	mg/L	Yes	No
D004 Arsenic	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D027 1,4 Dichlorobenzene	7.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D005 Barium	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D030 2,4 Dinitrotoluene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D006 Cadmium	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D032 Hexachlorobenzene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D007 Chromium	5.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D033 Hexachlorobutadiene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D008 Lead	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D034 Hexachloroethane	3.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D009 Mercury	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D036 Nitrobenzene	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D010 Selenium	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D038 Pyridine	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D011 Silver	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D023 M - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D012 Copper	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D024 O - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D013 Zinc	500.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D025 P - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				D026 TTL Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ZHE ORGANICS	mg/L	Yes	No	D037 Pentachlorophenol	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D018 Benzene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D041 2,4,6 - Trichlorophenol	400.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D019 Carbon Tetrachloride	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D042 2,4,6 - Trichlorophenol	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D021 Chlorobenzene	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
D022 Chloroform	6.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	PESTICIDES	mg/L	Yes	No
D028 1,2 Dichloroethane	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D020 Chlordane	0.03	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D029 1,1 Dichloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D012 Endrin	0.02	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D035 Methyl Ethyl Ketone	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D031 Heptachlor (& its Hydroxide)	0.005	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D039 Tetrachloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D013 Lindane	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D040 Trichloroethylene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D014 Methoxychlor	10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D043 Vinyl Chloride	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D015 Toxaphene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				HERBICIDES	mg/L	Yes	No
				D016 2,4 D	10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				D017 2,4,5 TP (Silvex)	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Based upon my knowledge of the waste and the process generating the waste, these constituents marked "No" are not present in the waste above hazardous classification levels.

Print: MICHAEL F. SOLECKI

Title: OSC

Signed: [Signature]

Date: 4/28/99

On behalf of the generator I certify that all information contained in this profile, including attached information, is complete and factual and is an accurate representation of the known and suspected hazards, and waste generator regulations, pertaining to the waste described herein; and I am an employee and duly authorized representative of the Generator. Generator agrees to indemnify and hold CITY Management Corporation and subsidiaries harmless for any claims, liabilities, damages and costs including, but not limited to, attorney's fees, arising out of or in any way related to breach of the above certification by the generator.

Print: MICHAEL F. SOLECKI

Title: OSC

Signed: [Signature]

Date: 4/28/99

"I hereby authorize CITY Management Corporation personnel to add supplemental information to the waste approval file provided I am contacted to give verbal permission. I authorize CITY Management Corporation personnel to obtain a sample from any waste shipment for purposes of verification and confirmation."

Signed: [Signature]

Title: OSC

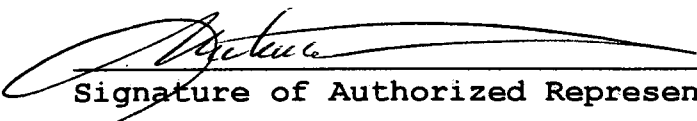
City Environmental, Inc.  
SUBPART CC CERTIFICATION

Generator Name: US EPA Region II-Meadowlands Plating Site

Profile Number: \_\_\_\_\_  
*Weak Nitric Acid Liquids-Comp 17*

I, \_\_\_\_\_, On-Site Coordinator, a duly authorized  
Name Title  
representative of US EPA Region II, do hereby certify that the  
Company  
information contained in the above referenced profile is complete  
and accurate, and further represent and certify that this waste  
does not contain Volatile Organic Compounds (VOC's) in  
concentrations greater than 500 ppmw (total).

This certification is made based upon my knowledge and/or process  
generating this hazardous waste and does account for any seasonal  
or process variability that may effect VOC concentrations.

  
Signature of Authorized Representative

4/28/89  
Date

Michael F. Slocum  
Printed Name of Authorized Representative

CITY ENVIRONMENTAL, INC.  
SURCHARGE EXEMPTION CERTIFICATION

Generator: US EPA Region II-Meadowlands Plating Site  
Address: 890 Patterson Plank Road, East Rutherford, NJ 07073  
EPA ID#: \_\_\_\_\_  
Approval #: \_\_\_\_\_

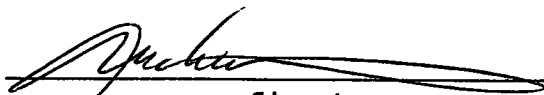
This certification is pursuant to Section 324.11108(4) of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451 (Act 451).

WASTE TYPE: D002, D007  
WASTE DESCRIPTION: Weak Nitric Acid Liquids-Comp 17  
QUANTITY AND UNITS: 8-10 drums  
MANIFEST NUMBER: \_\_\_\_\_

The following hazardous waste is exempt from the fees provided for in this section:

- ☐ Ash that results from the incineration of hazardous waste or the incineration of solid waste as defined in part 115.
- ☐ Hazardous waste exempted by rule because of its character or the treatment it has received.
- ☒ Hazardous waste that is removed from a site of environmental contamination that is included in a list submitted to the legislature pursuant to section 20105, or hazardous waste that is removed as part of a site cleanup activity at the expense of the state or federal government.
- ☐ Solidified hazardous waste produced by a solidification facility licensed pursuant to section 11123 and destined for land disposal.
- ☐ Hazardous waste generated pursuant to a 1-time closure or site cleanup activity in this state if the closure or cleanup activity has been authorized in writing by the department. Hazardous waste resulting from the cleanup of inadvertent releases which occur after March 30, 1998 is not exempt from the fee.
- ☐ Primary and secondary wastewater treatment solids from a wastewater treatment plant that includes an aggressive biological treatment facility as defined in section 3005(j)(12)(B) of subtitle C of the solid waste disposal act, 42 U.S.C. 6925.
- ☐ Emission control dust or sludge from the primary production of steel in electric furnaces.

4/28/99  
Date  
USEPA  
Company Name

  
Signature  
Michael R. SOLECKI  
Printed Name

DATE: / /

Upstate Laboratories, Inc.  
Analysis Results  
Report Number: 07899111

sampled by: Client

APPROVAL: \_\_\_\_\_

QC: \_\_\_\_\_

Lab I.D.: 10170

29076/MEADOWLANDS

PLATING COMPOSITE 17 1615H 03/18/99 C

ULX I.D.: 07899111

Matrix: Solid

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
Hexavalent Chromium	<0.23mg/kg dw	03/19/99		WC5288
Nitrate-Nitrogen	100.000mg/kg dw	03/25/99		WC5345
Chloride	160mg/kg dw	03/23/99		WC5322
Corrosivity	<2.0SU ✓	03/23/99		WC5311
Flash Point	>60degC	03/30/99		WC5403
Saint Filter Test	Pass	03/30/99		WC5401
Percent Solids	80%	03/24/99		WC5336
Sulfate	77,000mg/kg dw	03/25/99		WC5345
Total Aluminum	98mg/kg dw	03/26/99		MR2030
Total Antimony	<75mg/kg dw	03/26/99		MR2030
Total Arsenic by furnace method	5.3mg/kg dw	03/26/99		MR2030
Total Barium	<75mg/kg dw	03/26/99		MR2030
Total Beryllium	<1.2mg/kg dw	03/26/99		MR2030
Total Cadmium	2.0mg/kg dw	03/26/99		MR2030
Total Calcium	<200mg/kg dw	03/29/99		MR2032
Total Chromium	550mg/kg dw	03/26/99		MR2030
Total Cobalt	15mg/kg dw	03/26/99		MR2030
Total Copper	280mg/kg dw	03/26/99		MR2030
Total Iron	1100mg/kg dw	03/26/99		MR2030
Total Lead	7.4mg/kg dw	03/26/99		MR2030
Total Magnesium	<200mg/kg dw	03/29/99		MR2032
Total Manganese	5.0mg/kg dw	03/26/99		MR2030
Total Mercury	<0.3mg/kg dw	04/01/99		MR0885
Total Nickel	*41,000mg/kg dw	03/26/99		MR2030
Total Potassium	200mg/kg dw	03/29/99		MR2032
Total Selenium by furnace method	4.9mg/kg dw	03/26/99		MR2030
Total Silver	<12mg/kg dw	03/26/99		MR2030
Total Sodium	27,000mg/kg dw	03/29/99		MR2032
Total Thallium by furnace method	<0.8mg/kg dw	03/26/99		MR2030
Total Vanadium	<75mg/kg dw	03/26/99		MR2030
Total Zinc	83mg/kg dw	03/26/99		MR2030
TCLP Arsenic	0.28mg/l	03/26/99		MR2030
TCLP Barium	<0.6mg/l	03/26/99		MR2030
TCLP Cadmium	0.094mg/l	03/26/99		MR2030
TCLP Chromium	24mg/l ✓	03/26/99		MR2030
TCLP Copper	23mg/l	03/26/99		MR2030
TCLP Lead	0.03mg/l	03/26/99		MR2030
TCLP Mercury	0.011mg/l	04/01/99		MR0885
TCLP Selenium	0.15mg/l	03/26/99		MR2030

dw = Dry weight

DATE: / /

Upstate Laboratories, Inc.  
Analysis Results  
Report Number: 07899113

Sampled by: Client

I  
APPROVAL: - - - -

QC: - - - -

Lab I.D.: 10170

29076/MEADOWLANDS

PLATING COMPOSITE 17 1615H 03/18/99 C

--- ULI I.D.: 07899113 ---

Matrix: Solid

PARAMETERS  
-----  
TCLP Silver  
TCLP Zinc

RESULTS  
-----  
<0.10mg/l  
1.4mg/l

DATE ANAL.  
-----  
03/26/99  
03/26/99

KEY FILES  
-----  
ME2030  
ME2030

dw = Dry weight



# GENERATOR WASTE PROFILE



City Environmental, Inc.  
(313) 823-0080  
(313) 823-3378 (FAX)

ATRACS No.: \_\_\_\_\_

Sales Rep: CZ

Submit typed or legibly printed profile with analytical and a one (1) quart representative sample.

H/16

**CITY ENVIRONMENTAL, INC.**  
1923 Frederick Street • Detroit, MI 48211  
MID 980-991-555

☐ Wastewater Treatment ☒ Chemical Fixation/Stabilization

GENERATOR INFORMATION

Generator Name US EPA Region II US EPA ID No. NJD 102 405 736  
Plant Name Meadowlands Plating Site State ID No. 59mc  
Site Address 890 Patterson Plank Road FAX ( ) \_\_\_\_\_  
City East Rutherford State NJ County \_\_\_\_\_ ZIP 07073  
Mail Address 2890 Woodbridge Ave, Bldg 209 (MS-211)  
City Edison State NJ ZIP 08837  
Authorized Contact M. Glicki Phone (732) 906.6918 Attn: \_\_\_\_\_  
Emergency Contact Chris Lee (Capitol) Phone (703) 356-3135

BILLING INFORMATION

Customer Capitol Environmental Services Established Account? ☒ Yes ☐ No  
Mailing Address 8229 Boone Blvd, Suite 310 If Yes, Account No. \_\_\_\_\_  
City, State, ZIP Vienna, VA 22182 FAX (703) 356-4198  
Technical Contact Mike Schubert Phone (740) 344-2286 / 740-344-2185 fax  
Accounting Contact Jerrica Harrington Phone (703) 356-3135

COMMON NAME OF WASTE: Acid Plating Solids - Comp 16

WASTE GENERATION DESCRIPTION

Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) US EPA cleanup of a former plating facility; drums  
have called on-site and then analyzed for constituents of concern based on  
haz cat results. Vats of plating liquids placed into drums for disposal  
\*\* CERCLA approved facilities only

IS A REPRESENTATIVE SAMPLE INCLUDED? ☐ Yes ☒ No

Approval #

Date:

Update:

PHYSICAL CHARACTERISTICS

Physical state at 70°F: ☒ Solid ☐ Powder/ Dust ☒ Sludge (same) ☐ Liquid

Color: black / green / varies

Phases/Layers: ☐ Single ☒ Bi-Layered (some drums) ☐ Multi-Layered

Odor: ☒ None ☐ Mild ☐ Strong

Flash Point: ☐ <73°F. ☐ 74° - 99°F. ☐ 100° - 140°F. ☐ 141° - 200°F. ☐ >200°F. ☒ N.A.

pH Range: ☒ <2 ☐ 2 - 3 ☐ 3 - 7 ☐ 7 - 12.5 ☐ >12.5 ☐ N.A.

Density: ☐ <0.80 ☐ 0.80 - 1.0 ☒ 1.01 - 1.20 ☐ 1.21 - 1.40 Exact: est

CHEMICAL COMPOSITION

acidic plating solids/sludge	40-95%	chromium	100-2300 ppm%
hydrochloric acid	1-3%	copper	4-6%
sulfuric acid	1-3%	nickle	8-12%
water	0-5%	thallium	1-10 ppm%
dirt	10-20%	zinc	100-3800 ppm%

QUANTITY AND CONTAINMENT

SHIPPING MODE: BULK LIQUID ☐ BULK SOLID ☐ DRUMS ☒

OTHER/SPECIAL PACKAGING: \_\_\_\_\_

HIGHWAY ☒ RAIL ☐

SHIPPING VOLUME: 4-6

SHIPPING FREQUENCY: PER WEEK ☐ MONTH ☐ OTHER: one time

SHIPPING INFORMATION

US DOT - SHIPPING DESCRIPTION

Proper Shipping Name: RQ, Waste Corrosive Liquid, Inorganic, A.D. 5.  
(hydrochloric acid, nickle) <sup>acidic,</sup>

Hazard Class 8 UN/NA Number 4N 3266 Packing Group II

EMERGENCY RESPONSE GUIDE # 154

SPECIAL REQUIREMENTS

- Certificate of Disposal Required  
If yes, send to who and where? ☒ Yes ☐ No  
Capital at billing address
- Are loads to be weighed? ☐ Yes ☒ No
- Hazardous Tax exempt?  
If yes, certificate is required with each manifest. ☒ Yes ☐ No
- Purchase order required?  
If yes, please provide number. ☒ Yes ☐ No  
CAP 42199 CL
- Transportation quotation requested? No

Based on RCRA Regulations (40CFR261) and  
Michigan Hazardous Waste Rules (Act 451)

WASTE CHARACTERIZATION

QUESTION	YES	NO	WASTE CODE(S) (If Applicable)
1. Is this a RCRA Hazardous Waste?	X		F008, F009, D002 D007
2. Is the waste a Michigan Hazardous Waste (Act 451)?		X	
3. Does the waste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes)	X		D007
4. Does this waste contain total Mercury greater than 260 ppm?		X	
5. Does the waste exhibit Ignitability? (attach results)		X	
6. Does the waste exhibit Corrosivity? (attach results)	X		D002
7. Does the waste contain reactive cyanide greater than 250 ppm?		X	
8. Does the waste contain reactive sulfide greater than 500 ppm?		X	
9. Does the waste meet any F listing description?	X		F008, F009
10. Does the waste meet any K listing description?		X	
11. Does the waste meet any P listing description?		X	
12. Does the waste meet any U listing description?		X	
13. Is this waste subject to Benzene NESHAP regulations? (>10 ppm, Benzene by weight)		X	
14. Is this waste a <u>non-hazardous</u> liquid waste regulated under Michigan Act 451, Part 121?		X	
15. Does the waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm?		X	
16. Is waste generated as a result of UST activity, regulated under 40 CFR 260? (If yes, what was the contents of the tank? _____ )		X	
17. Does this waste contain used oil? (If yes, Total Halogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN)		X	
18. Is the waste exempt under CESQG regulation 40 CFR 261.5? (If yes, must submit CESQG Certification)		X	
19. Is this waste regulated under Subpart CC air emission standards (VOC ≥ 500 PPMW)? If yes, please submit any VOC analysis.		X	
20. Does this waste contain metal fines/powders?		X	
21. Does this waste exhibit any radioactivity?		X	
22. Is this waste pyrophoric, air reactive or explosive?		X	

Based on either TCLP (attach results) or Generator knowledge indicate in the boxes the constituents for which the waste is hazardous.

CHARACTERISTICS AND TCLP ANALYSIS

METALS	mg/L	Yes	No	BASE NEUTRAL EXTRACT	mg/L	Yes	No
D004 Arsenic	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D027 1,4 Dichlorobenzene	7.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D005 Barium	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D030 2,4 Dinitrotoluene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D006 Cadmium	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D032 Hexachlorobenzene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D007 Chromium	5.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D033 Hexachlorobutadiene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D008 Lead	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D034 Hexachloroethane	3.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D009 Mercury	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D036 Nitrobenzene	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D010 Selenium	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D038 Pyridine	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D011 Silver	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D023 M - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D012 Copper	100.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D024 O - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D013 Zinc	500.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D025 P - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				D026 TTL Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Z HE ORGANICS	mg/L	Yes	No	D037 Pentachlorophenol	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D018 Benzene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D041 2,4,6 - Trichlorophenol	400.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D019 Carbon Tetrachloride	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D042 2,4,6 - Trichlorophenol	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D021 Chlorobenzene	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
D022 Chloroform	6.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	PESTICIDES	mg/L	Yes	No
D028 1,2 Dichloroethane	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D020 Chlordane	0.03	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D029 1,1 Dichloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D012 Endrin	0.02	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D035 Methyl Ethyl Ketone	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D031 Heptachlor (& its Hydroxide)	0.008	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D039 Tetrachloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D013 Lindane	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D040 Trichloroethylene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D014 Methoxychlor	10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D043 Vinyl Chloride	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D015 Toxaphene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				HERBICIDES	mg/L	Yes	No
				D016 2,4 D	10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				D017 2,4,6 TP (Silvex)	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Based upon my knowledge of the waste and the process generating the waste, these constituents marked "No" are not present in the waste above hazardous classification levels.

Print: MICHAEL F. SOLECKI

Title: OSc

Signed: [Signature]

Date: 4/28/99

On behalf of the generator I certify that all information contained in this profile, including attached information, is complete and factual and is an accurate representation of the known and suspected hazards, and waste generator regulations, pertaining to the waste described herein; and I am an employee and duly authorized representative of the Generator. Generator agrees to indemnify and hold CITY Management Corporation and subsidiaries harmless for any claims, liabilities, damages and costs including, but not limited to, attorney's fees, arising out of or in any way related to breach of the above certification by the generator.

Print: MICHAEL F. SOLECKI

Title: OSc

Signed: [Signature]

Date: 4/28/99

"I hereby authorize CITY Management Corporation personnel to add supplemental information to the waste approval file provided I am contacted to give verbal permission. I authorize CITY Management Corporation personnel to obtain a sample from any waste shipment for purposes of verification and confirmation."

Signed: [Signature]

Title: OSc

CITY ENVIRONMENTAL, INC.  
SURCHARGE EXEMPTION CERTIFICATION

Generator: US EPA Region II-Meadowlands Plating Site  
Address: 890 Patterson Plank Road, East Rutherford, NJ 07073  
EPA ID#: \_\_\_\_\_  
Approval #: \_\_\_\_\_


This certification is pursuant to Section 324.11108(4) of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451 (Act 451).

WASTE TYPE: F008, F009, D002, 0007  
WASTE DESCRIPTION: Acid Plating Solids-Comp 16  
QUANTITY AND UNITS: 4-6 drums  
MANIFEST NUMBER: \_\_\_\_\_

The following hazardous waste is exempt from the fees provided for in this section:

- ☐ Ash that results from the incineration of hazardous waste or the incineration of solid waste as defined in part 115.
- ☐ Hazardous waste exempted by rule because of its character or the treatment it has received.
- ☒ Hazardous waste that is removed from a site of environmental contamination that is included in a list submitted to the legislature pursuant to section 20105, or hazardous waste that is removed as part of a site cleanup activity at the expense of the state or federal government.
- ☐ Solidified hazardous waste produced by a solidification facility licensed pursuant to section 11123 and destined for land disposal.
- ☐ Hazardous waste generated pursuant to a 1-time closure or site cleanup activity in this state if the closure or cleanup activity has been authorized in writing by the department. Hazardous waste resulting from the cleanup of inadvertent releases which occur after March 30, 1998 is not exempt from the fee.
- ☐ Primary and secondary wastewater treatment solids from a wastewater treatment plant that includes an aggressive biological treatment facility as defined in section 3005(j)(12)(B) of subtitle C of the solid waste disposal act, 42 U.S.C. 6925.
- ☐ Emission control dust or sludge from the primary production of steel in electric furnaces.

4/28/99  
\_\_\_\_\_  
Date  
USEPA  
\_\_\_\_\_  
Company Name

  
\_\_\_\_\_  
Signature  
Michael E. Solecki  
\_\_\_\_\_  
Printed Name

City Environmental, Inc.  
SUBPART CC CERTIFICATION

Generator Name: US EPA Region II-Meadowlands Plating Site

Profile Number: \_\_\_\_\_

*Acid Plating Solids-Comp16*

I, \_\_\_\_\_, On-Site Coordinator, a duly authorized  
Name Title  
representative of US EPA Region II, do hereby certify that the  
Company

information contained in the above referenced profile is complete and accurate, and further represent and certify that this waste does not contain Volatile Organic Compounds (VOC's) in concentrations greater than 500 ppmw (total).

This certification is made based upon my knowledge and/or process generating this hazardous waste and does account for any seasonal or process variability that may effect VOC concentrations.

  
Signature of Authorized Representative

4/28/88  
Date

Michael F. Solodki  
Printed Name of Authorized Representative

DATE: / /

Upstate Laboratories, Inc.  
Analysis Results  
Report Number: 07899113

Sampled by: Client

APPROVAL: \_\_\_\_\_

QC: \_\_\_\_\_  
Lab I.D.: 10170

29076/MEADOWLANDS  
PLATING COMPOSITE 16 1600K 03/18/99 C

ULI I.D.: 07899115

Matrix: Solid

PARAMETERS		RESULTS	DATE ANAL.	KEY	FILE#
Hexavalent Chromium		<0.27mg/kg dw	03/19/99	---	WC5288
Percent Solids		65%	03/24/99	---	WC5286
Total	Aluminum	2600mg/kg dw	03/26/99	---	ME2030
Total	Antimony	<230mg/kg dw	03/26/99	---	ME2030
Total	Arsenic by furnace method	21.0mg/kg dw	03/26/99	---	ME2030
Total	Barium	<230mg/kg dw	03/26/99	---	ME2030
Total	Beryllium	<4.0mg/kg dw	03/26/99	---	ME2030
Total	Cadmium	28mg/kg dw	03/26/99	---	ME2030
Total	Calcium	450mg/kg dw	03/29/99	---	ME2032
Total	Chromium	*2300mg/kg dw	03/26/99	---	ME2030
Total	Cobalt	430mg/kg dw	03/26/99	---	ME2030
Total	Copper	*53,000mg/kg dw	03/26/99	---	ME2030
Total	Iron	*62,000mg/kg dw	03/26/99	---	ME2030
Total	Lead	590mg/kg dw	03/26/99	---	ME2030
Total	Magnesium	430mg/kg dw	03/29/99	---	ME2032
Total	Manganese	300mg/kg dw	03/26/99	---	ME2030
Total	Mercury	<0.4mg/kg dw	04/01/99	---	ME0885
Total	Nickel	*110,000mg/kg dw	03/26/99	---	ME2030
Total	Potassium	<400mg/kg dw	03/29/99	---	ME2032
Total	Selenium by furnace method	15mg/kg dw	03/26/99	---	ME2030
Total	Silver	79mg/kg dw	03/26/99	---	ME2030
Total	Sodium	1700mg/kg dw	03/29/99	---	ME2032
Total	Thallium by furnace method	10mg/kg dw	03/26/99	---	ME2030
Total	Vanadium	<230mg/kg dw	03/26/99	---	ME2030
Total	Zinc	3800mg/kg dw	03/26/99	---	ME2030

dw = Dry weight

DATE: / /

Upstate Laboratories, Inc.  
Analysis Results  
Report Number: 07893111

Sampled by: Client

APPROVAL: - - - -

QC: - - - -

Lab I.D.: 10170

29076/MEADOWLANDS

PLATING COMPOSITE 16 1600H 03/18/99 C

ULI I.D.: 07899114

Matrix: Liquid

PARAMETERS

RESULTS

DATE ANAL.

KEY

FILE

Nitrate-Nitrogen  
Chloride

<26mg/kg  
4700mg/kg

03/19/99  
03/23/99

WCS295  
WCS322

Corrosivity

<2.0SV

03/23/99

WCS311

Flash Point

>60degC

03/30/99

WCS403

Sulfate

1500mg/kg

03/25/99

WCS345

Specific Gravity

1.3

03/24/99

WCS371



DATE: / /

Upstate Laboratories, Inc.  
Analysis Results  
Report Number: 07899113

Sampled by: Client

APPROVAL: \_\_\_\_\_

QC: \_\_\_\_\_

Lab I.D.: 10170

29076/MEADOWLANDS

PLATING COMPOSITE 03/18/99 C

UDI I.D.: 07899116

Matrix: Liquid

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
TCLP Arsenic	0.18mg/l	03/26/99		ME2030
TCLP Barium	<1.5mg/l	03/26/99		ME2030
TCLP Cadmium	0.54mg/l	03/26/99		ME2030
TCLP Chromium	60mg/l ✓	03/26/99		ME2030
TCLP Copper	X 1150mg/l	03/26/99		ME2030
TCLP Lead	1.2mg/l	03/26/99		ME2030
TCLP Mercury	<0.0004mg/l	04/01/99		ME0881
TCLP Selenium	0.56mg/l	03/26/99		ME2030
TCLP Silver	0.27mg/l	03/26/99		ME2030
TCLP Zinc	110mg/l	03/26/99		ME2030

# GENERATOR WASTE PROFILE



City Environmental, Inc.  
(313) 823-0080  
(313) 823-3375 (FAX)

ATRACS No.: \_\_\_\_\_

Sales Rep: CZ

Submit typed or legibly printed profile with analytical and a one (1) quart representative sample.

E/13

**CITY ENVIRONMENTAL, INC.**  
1923 Frederick Street • Detroit, MI 48211  
MID 980-991-555

☒ Wastewater Treatment ☐ Chemical Fixation/Stabilization

GENERATOR INFORMATION

Generator Name US EPA Region II US EPA ID No. NJD 002 405 736  
Plant Name Meadowlands Plating Site State ID No. same  
Site Address 890 Patterson Plank Road FAX ( ) \_\_\_\_\_  
City East Rutherford State NJ County \_\_\_\_\_ ZIP 07073  
Mail Address 2890 Woodbridge Ave, Bldg 209 (MS-211)  
City Edison State NJ ZIP 08837  
Authorized Contact N. Solecki Phone (732) 906.6918  
Emergency Contact Chris Lee (Capitol) Phone (703) 356-3135

BILLING INFORMATION

Customer Capitol Environmental Services Established Account? ☒ Yes ☐ No  
Mailing Address 8229 Boone Blvd, Suite 310 If Yes, Account No. \_\_\_\_\_  
City, State, ZIP Vienna, VA 22182 FAX (703) 356-4198  
Technical Contact Mike Schubert Phone (710) 344-2286/740-344-2185 fax  
Accounting Contact Jessica Harrington Phone (703) 356-3135

COMMON NAME OF WASTE: Acid Liquids- Comp 13

WASTE GENERATION DESCRIPTION

Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) US EPA cleanup of a former plating facility; drums  
has called on-site and then analyzed for constituents of concern based on  
has cat results. Vats of plating liquids placed into drums for disposal  
\*\* CERCLA approved facilities only

IS A REPRESENTATIVE SAMPLE INCLUDED? ☐ Yes ☒ No

Approval &

Date:

Update:

PHYSICAL CHARACTERISTICS

Physical state at 70°F: ☐ Solid ☐ Powder/ Dust ☒ Sludge (65% in some) ☒ Liquid

Color: black/green/vars

Phases/Layers: ☒ Single ☒ Bi-Layered (some) ☐ Multi-Layered

Odor: ☒ None ☐ Mild ☐ Strong

Flash Point: ☐ <73°F ☐ 74° - 99°F ☐ 100° - 140°F ☐ 141° - 200°F ☐ >200°F ☒ N.A.

pH Range: ☒ <2 ☐ 2 - 3 ☐ 3 - 7 ☐ 7 - 12.5 ☐ >12.5 ☐ N.A.

Density: ☐ <0.80 ☐ 0.80 - 1.0 ☒ 1.01 - 1.20 ☐ 1.21 - 1.40 Exact: est

CHEMICAL COMPOSITION

<u>hydrochloric acid</u>	<u>5-15 %</u>	<u>copper</u>	<u>100-1100 ppm</u>
<u>sulfuric acid</u>	<u>5-15 %</u>	<u>nickle</u>	<u>1000-6400 ppm</u>
<u>nitric acid</u>	<u>1-5 %</u>	<u>zinc</u>	<u>400-500 ppm</u>
<u>cadmium</u>	<u>1-6 ppm</u>	<u>water</u>	<u>75-90 %</u>
<u>chromium</u>	<u>10-430 ppm</u>	<u>dirt</u>	<u>0-5 %</u>

QUANTITY AND CONTAINMENT

SHIPPING MODE: BULK LIQUID ☐ BULK SOLID ☐ DRUMS ☒

OTHER/SPECIAL PACKAGING: \_\_\_\_\_

HIGHWAY ☒ RAIL ☐

SHIPPING VOLUME: 5-10

SHIPPING FREQUENCY: PER WEEK ☐ MONTH ☐ OTHER: one time

SHIPPING INFORMATION

US DOT - SHIPPING DESCRIPTION

Proper Shipping Name: RQ, Waste Corrosive Liquid, acidic, inorganic, n.o.s.  
(hydrochloric acid, nickle)

Hazard Class 8 UN/NA Number UN 3266 Packing Group II

EMERGENCY RESPONSE GUIDE # 154

SPECIAL REQUIREMENTS

- Certificate of Disposal Required  
If yes, send to who and where? ☒ Yes ☐ No  
Capital at billing address
- Are loads to be weighed? ☐ Yes ☒ No
- Hazardous Tax exempt?  
If yes, certificate is required with each manifest. ☒ Yes ☐ No
- Purchase order required?  
If yes, please provide number. ☒ Yes ☐ No  
CAP 42199 CL
- Transportation quotation requested? No

Based on RCRA Regulations (40CFR261) and  
Michigan Hazardous Waste Rules (Act 451)

WASTE CHARACTERIZATION

QUESTION	YES	NO	WASTE CODE(S) (If Applicable)
1. Is this a RCRA Hazardous Waste?	X		0002, 0006, 0007
2. Is the waste a Michigan Hazardous Waste (Act 451)?		X	
3. Does the waste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes)	X		0006, 0007
4. Does this waste contain total Mercury greater than 250 ppm?		X	
5. Does the waste exhibit Ignitability? (attach results)		X	
6. Does the waste exhibit Corrosivity? (attach results)	X		0002
7. Does the waste contain reactive cyanide greater than 250 ppm?		X	
8. Does the waste contain reactive sulfide greater than 500 ppm?		X	
9. Does the waste meet any F listing description?		X	
10. Does the waste meet any K listing description?		X	
11. Does the waste meet any P listing description?		X	
12. Does the waste meet any U listing description?		X	
13. Is this waste subject to Benzene NESHAAP regulations? (>10 ppm, Benzene by weight)		X	
14. Is this waste a <del>non-hazardous</del> liquid waste regulated under Michigan Act 451, Part 121?		X	
15. Does the waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm?		X	
16. Is waste generated as a result of UST activity, regulated under 40 CFR 260? (If yes, what was the contents of the tank? _____ )		X	
17. Does this waste contain used oil? (If yes, Total Halogen Analysis is required - Halogen > 1,000 ppm requires 8250 SCAN)		X	
18. Is the waste exempt under CESQG regulation 40 CFR 261.5? (If yes, must submit CESQG Certification)		X	
19. Is this waste regulated under Subpart CC air emission standards (VOC ≥ 500 PPMW)? If yes, please submit any VOC analysis.		X	
20. Does this waste contain metal fines/powders?		X	
21. Does this waste exhibit any radioactivity?		X	
22. Is this waste pyrophoric, air reactive or explosive?		X	

Based on either TCLP (attach results) or Generator knowledge indicate in the boxes the constituents for which the waste is hazardous.

CHARACTERISTICS AND TCLP ANALYSIS

METALS	mg/L	Yes	No	BASE NEUTRAL EXTRACT	mg/L	Yes	No
D004 Arsenic	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D027 1,4 Dichlorobenzene	7.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D005 Barium	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D030 2,4 Dinitrotoluene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D006 Cadmium	1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D032 Hexachlorobenzene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D007 Chromium	5.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D033 Hexachlorobutadiene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D008 Lead	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D034 Hexachloroethane	3.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D009 Mercury	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D036 Nitrobenzene	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D010 Selenium	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D038 Pyridine	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D011 Silver	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D023 M - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D012 Copper	100.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D024 O - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D013 Zinc	500.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D025 P - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				D026 TTL Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Z HE ORGANICS	mg/L	Yes	No	D037 Pentachlorophenol	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D018 Benzene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D041 2,4,6 - Trichlorophenol	400.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D019 Carbon Tetrachloride	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D042 2,4,6 - Trichlorophenol	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D021 Chlorobenzene	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	PESTICIDES	mg/L	Yes	No
D022 Chloroform	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D020 Chlordane	0.03	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D028 1,2 Dichloroethane	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D012 Endrin	0.02	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D029 1,1 Dichloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D031 Heptachlor (& its Hydroxide)	0.008	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D035 Methyl Ethyl Ketone	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D013 Lindane	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D039 Tetrachloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D014 Methoxychlor	10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D040 Trichloroethylene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D015 Toxaphene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D043 Vinyl Chloride	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HERBICIDES	mg/L	Yes	No
				D016 2,4 D	10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				D017 2,4,6 TP (Silvex)	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Based upon my knowledge of the waste and the process generating the waste, these constituents marked "No" are not present in the waste above hazardous classification levels.

Print: Michael F. Solecki

Title: OSC

Signed: [Signature]

Date: 4/28/99

On behalf of the generator I certify that all information contained in this profile, including attached information, is complete and factual and is an accurate representation of the known and suspected hazards, and waste generator regulations, pertaining to the waste described herein; and I am an employee and duly authorized representative of the Generator. Generator agrees to indemnify and hold CITY Management Corporation and subsidiaries harmless for any claims, liabilities, damages and costs including, but not limited to, attorney's fees, arising out of or in any way related to breach of the above certification by the generator.

Print: Michael F. Solecki

Title: OSC

Signed: [Signature]

Date: 4/28/99

"I hereby authorize CITY Management Corporation personnel to add supplemental information to the waste approval file provided I am contacted to give verbal permission. I authorize CITY Management Corporation personnel to obtain a sample from any waste shipment for purposes of verification and confirmation."

Signed: [Signature]

Title: OSC

DATE: / /

E

Upstate Laboratories, Inc.  
Analysis Results  
Report Number: 07599015

APPROVAL: \_\_\_\_\_  
QC: \_\_\_\_\_  
Lab I.D.: 10170

sampled by: Client

MEADOWLANDS PLATING  
COMPOSITE 13 1545H 03/15/99 c

ULI I.D.: 07599015

Matrix: Liquid

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
pH	<2.080	03/17/99	---	WC5243
Nitrate-Nitrogen	42mg/kg	03/17/99		WC5307
Chloride	1900mg/kg	03/23/99		WC5232
Sulfate	170mg/kg	03/16/99		WC5269
Specific Gravity	1.1	03/24/99		WC5251
Total Suspended Solids	320mg/kg	03/16/99		WC5262
Total Aluminum	450mg/kg	03/26/99		MR2088
Total Antimony	<6.0mg/kg	03/26/99		MR2030
Total Arsenic by furnace method	2.2mg/kg	03/26/99		MR2020
Total Barium	<6.0mg/kg	03/26/99		MR2030
Total Beryllium	0.14mg/kg	03/26/99		MR2030
Total Cadmium	5.2mg/kg	03/26/99		MR2030
Total Calcium	100mg/kg	03/29/99		MR2032
Total Chromium	430mg/kg	03/26/99		MR2030
Total Cobalt	26mg/kg	03/26/99		MR2030
Total Copper	1100mg/kg	03/26/99		MR2030
Total Iron	4800mg/kg	03/26/99		MR2030
Total Lead	0.42mg/kg	03/26/99		MR2030
Total Magnesium	33mg/kg	03/29/99		MR2032
Total Manganese	49mg/kg	03/26/99		MR2030
Total Mercury	0.005mg/kg	03/30/99		MR0871
Total Nickel	6400mg/kg	03/26/99		MR2030
Total Potassium	37mg/kg	03/29/99		MR2032
Total Selenium by furnace method	1.3mg/kg	03/26/99		MR2030
Total Silver	<1.0mg/kg	03/26/99		MR2030
Total Sodium	3500mg/kg	03/29/99		MR2032
Total Thallium by furnace method	<0.06mg/kg	03/26/99		MR2030
Total Vanadium	<6.0mg/kg	03/26/99		MR2030
Total Zinc	470mg/kg	03/26/99		MR2030
TCLP Arsenic	1.2mg/l	03/26/99		MR2030
TCLP Barium	<0.6mg/l	03/26/99		MR2030
TCLP Cadmium	2.7mg/l	03/26/99		MR2030
TCLP Chromium	280mg/l	03/26/99		MR2030
TCLP Copper	490mg/l	03/26/99		MR2030
TCLP Lead	0.17mg/l	03/26/99		MR2030
TCLP Mercury	<0.0004mg/l	03/30/99		MR0871
TCLP Selenium	0.53mg/l	03/26/99		MR2030
TCLP Silver	0.22mg/l	03/26/99		MR2030
TCLP Zinc	210mg/l	03/26/99		MR2030

CITY ENVIRONMENTAL, INC.  
SURCHARGE EXEMPTION CERTIFICATION

Generator: US EPA Region II-Meadowlands Plating Site  
Address: 890 Patterson Plank Road, East Rutherford, NJ 07073  
EPA ID#: \_\_\_\_\_  
Approval #: \_\_\_\_\_

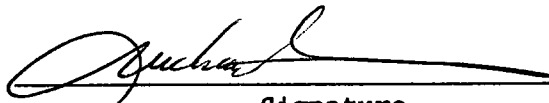
This certification is pursuant to Section 324.11108(4) of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451 (Act 451).

WASTE TYPE: D002, D006, D007  
WASTE DESCRIPTION: Acid Liquids-Comp 13  
QUANTITY AND UNITS: 8-10 drums  
MANIFEST NUMBER: \_\_\_\_\_

The following hazardous waste is exempt from the fees provided for in this section:

- ☐ Ash that results from the incineration of hazardous waste or the incineration of solid waste as defined in part 115.
- ☐ Hazardous waste exempted by rule because of its character or the treatment it has received.
- ☒ Hazardous waste that is removed from a site of environmental contamination that is included in a list submitted to the legislature pursuant to section 20105, or hazardous waste that is removed as part of a site cleanup activity at the expense of the state or federal government.
- ☐ Solidified hazardous waste produced by a solidification facility licensed pursuant to section 11123 and destined for land disposal.
- ☐ Hazardous waste generated pursuant to a 1-time closure or site cleanup activity in this state if the closure or cleanup activity has been authorized in writing by the department. Hazardous waste resulting from the cleanup of inadvertent releases which occur after March 30, 1998 is not exempt from the fee.
- ☐ Primary and secondary wastewater treatment solids from a wastewater treatment plant that includes an aggressive biological treatment facility as defined in section 3005(j)(12)(B) of subtitle C of the solid waste disposal act, 42 U.S.C. 6925.
- ☐ Emission control dust or sludge from the primary production of steel in electric furnaces.

4/28/99  
Date  
USEPA  
Company Name

  
Signature  
Munir F. Soluski  
Printed Name

City Environmental, Inc.  
SUBPART CC CERTIFICATION

Generator Name: US EPA Region II-Meadowlands Plating Site

Profile Number: Acid Liquid-Comp 13

I, \_\_\_\_\_, On-Site Coordinator, a duly authorized  
Name Title  
representative of US EPA Region II, do hereby certify that the  
Company  
information contained in the above referenced profile is complete  
and accurate, and further represent and certify that this waste  
does not contain Volatile Organic Compounds (VOC's) in  
concentrations greater than 500 ppmw (total).

This certification is made based upon my knowledge and/or process  
generating this hazardous waste and does account for any seasonal  
or process variability that may effect VOC concentrations.

  
Signature of Authorized Representative

4/28/99  
Date

MICHAEL F. SAWICKI  
Printed Name of Authorized Representative



# GENERATOR WASTE PROFILE



City Environmental, Inc.  
(313) 823-0080  
(313) 823-3375 (FAX)

ATRACS No.: \_\_\_\_\_

Sales Rep: CZ

Submit typed or legibly printed profile with analytical and a one (1) quart representative sample.

## CITY ENVIRONMENTAL, INC.

1923 Frederick Street • Detroit, MI 48211

MD 980-891-555

☐ Wastewater Treatment

☒ Chemical Fixation/Stabilization -or recycle

GENERATOR INFORMATION

Generator Name US EPA Region II

US EPA ID No. NJD 002 405 736

Plant Name Meadowlands Plating Site

State ID No. same

Site Address 890 Patterson Plank Road

FAX ( ) \_\_\_\_\_

City East Rutherford State NJ

County \_\_\_\_\_ ZIP 07073

Mail Address 2890 Woodbridge Ave., Bldg 209 (MS-211)

City Edison

State NJ ZIP 08837

Authorized Contact M. Sockci

Phone (832) 906. 6918 Attn: \_\_\_\_\_

Emergency Contact Chris Lee (Capitol)

Phone (703) 356-3135

BILLING INFORMATION

Customer Capitol Environmental Services

Established Account? ☒ Yes ☐ No

Mailing Address 8229 Boone Blvd, Suite 310

If Yes, Account No. \_\_\_\_\_

City, State, ZIP Vienna, VA 22182

FAX (703) 356-4198

Technical Contact Mike Schubert

Phone (740) 344-2286 / 740-344-2185 fax

Accounting Contact Jessica Harrington

Phone (703) 356-3135

COMMON NAME OF WASTE: oil/water - comp 12

WASTE GENERATION DESCRIPTION

Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) US EPA Cleanup of a former plating facility; drums hqz cutted on-site and then analyzed for constituents of concern based on hqz cut results. Vats of plating liquids placed into drums for disposal. Rinsing of equipment/oil tanks/leftover product (virgin materials)

\*\* CERCLA approved facilities only

IS A REPRESENTATIVE SAMPLE INCLUDED? ☐ Yes ☒ No

Approval #

Date:

Update:

PHYSICAL CHARACTERISTICS

Physical state at 70°F: ☐ Solid ☐ Powder/ Dust ☒ Sludge ☒ Liquid  
(*cap to in some*)

Color: black / green / varies

Phases/Layers: ☒ Single ☒ Bi-Layered (*same*) ☐ Multi-Layered

Odor: ☒ None ☐ Mild ☐ Strong

Flash Point: ☐ <73°F. ☐ 74° - 99°F. ☐ 100° - 140°F. ☐ 141° - 200°F. ☐ >200°F. ☒ N.A.

pH Range: ☐ <2 ☐ 2 - 3 ☐ 3 - 7 ☒ 7 - 12.5 ☐ >12.5 ☐ N.A.

Density: ☐ <0.80 ☐ 0.80 - 1.0 ☒ 1.01 - 1.20 ☐ 1.21 - 1.40 Exact: \_\_\_\_\_  
*est*

CHEMICAL COMPOSITION

<u>rinse water</u>	<u>85-99</u> %	_____ %
<u>diesel fuel</u>	<u>1-5</u> %	_____ %
<u>dirt</u>	<u>0-10</u> %	_____ %
_____	_____ %	_____ %
_____	_____ %	_____ %

QUANTITY AND CONTAINMENT

SHIPPING MODE: BULK LIQUID ☐ BULK SOLID ☐ DRUMS ☒

OTHER/SPECIAL PACKAGING: \_\_\_\_\_

HIGHWAY ☒ RAIL ☐

SHIPPING VOLUME: 9-12

SHIPPING FREQUENCY: PER WEEK ☐ MONTH ☐ OTHER: one time

SHIPPING INFORMATION

US DOT - SHIPPING DESCRIPTION

Proper Shipping Name: Non RCRA, Non DOT regulated Material

Hazard Class N/A UN/NA Number N/A Packing Group N/A

EMERGENCY RESPONSE GUIDE # N/A

SPECIAL REQUIREMENTS

- Certificate of Disposal Required  
If yes, send to who and where? ☒ Yes ☐ No  
Capital of billing address
- Are loads to be weighed? ☐ Yes ☒ No
- Hazardous Tax exempt?  
If yes, certificate is required with each manifest. ☐ Yes ☒ No
- Purchase order required?  
If yes, please provide number. ☒ Yes ☐ No  
CAP 421 99 C L
- Transportation quotation requested? No

Based on RCRA Regulations (40CFR261) and  
Michigan Hazardous Waste Rules (Act 451)

WASTE CHARACTERIZATION

QUESTION	YES	NO	WASTE CODE(S) (If Applicable)
1. Is this a RCRA Hazardous Waste?		X	
2. Is the waste a Michigan Hazardous Waste (Act 451)?		X	
3. Does the waste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes)		X	
4. Does this waste contain total Mercury greater than 260 ppm?		X	
5. Does the waste exhibit Ignitability? (attach results)		X	
6. Does the waste exhibit Corrosivity? (attach results)		X	
7. Does the waste contain reactive cyanide greater than 250 ppm?		X	
8. Does the waste contain reactive sulfide greater than 500 ppm?		X	
9. Does the waste meet any F listing description?		X	
10. Does the waste meet any K listing description?		X	
11. Does the waste meet any P listing description?		X	
12. Does the waste meet any U listing description?		X	
13. Is this waste subject to Benzene NESHA regulations? (>10 ppm, Benzene by weight)		X	
14. Is this waste a <del>non-hazardous</del> liquid waste regulated under Michigan Act 451, Part 121?	X		0296
15. Does the waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm?		X	
16. Is waste generated as a result of UST activity, regulated under 40 CFR 260? (If yes, what was the contents of the tank? _____ )		X	
17. Does this waste contain used oil? (If yes, Total Halogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN)		X	
18. Is the waste exempt under CESQG regulation 40 CFR 261.5? (If yes, must submit CESQG Certification)		X	
19. Is this waste regulated under Subpart CC air emission standards (VOC ≥ 500 PPMW)? If yes, please submit any VOC analysis.		X	
20. Does this waste contain metal fines/powders?		X	
21. Does this waste exhibit any radioactivity?		X	
22. Is this waste pyrophoric, air reactive or explosive?		X	

Based on either TCLP (attach results) or Generator knowledge indicate in the boxes the constituents for which the waste is hazardous.

CHARACTERISTICS AND TCLP ANALYSIS

METALS	mg/L	Yes	No	BASE NEUTRAL EXTRACT	mg/L	Yes	No
D004 Arsenic	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D027 1,4 Dichlorobenzene	7.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D005 Barium	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D030 2,4 Dinitrotoluene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D006 Cadmium	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D032 Hexachlorobenzene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D007 Chromium	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D033 Hexachlorobutadiene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D008 Lead	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D034 Hexachloroethane	3.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D009 Mercury	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D036 Nitrobenzene	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D010 Selenium	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D038 Pyridine	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D011 Silver	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D023 M - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D01D Copper	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D024 O - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D03D Zinc	500.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D026 P - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				D026 TTL Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Z HE ORGANICS	mg/L	Yes	No	D037 Pentachlorophenol	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D018 Benzene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D041 2,4,6 - Trichlorophenol	400.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D019 Carbon Tetrachloride	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D042 2,4,6 - Trichlorophenol	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D021 Chlorobenzene	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
D022 Chloroform	6.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	PESTICIDES	mg/L	Yes	No
D028 1,2 Dichloroethane	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D020 Chlordane	0.03	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D029 1,1 Dichloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D012 Endrin	0.02	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D035 Methyl Ethyl Ketone	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D031 Heptachlor (& its Hydroxide)	0.008	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D039 Tetrachloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D013 Lindane	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D040 Trichloroethylene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D014 Methoxychlor	10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D043 Vinyl Chloride	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D016 Toxaphene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				HERBICIDES	mg/L	Yes	No
				D016 2,4 D	10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				D017 2,4,6 TP (Silvex)	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Based upon my knowledge of the waste and the process generating the waste, these constituents marked "No" are not present in the waste above hazardous classification levels.

Print: MICHAEL F. SOLECK

Title: OSC

Signed: [Signature]

Date: 4/28/99

On behalf of the generator I certify that all information contained in this profile, including attached information, is complete and factual and is an accurate representation of the known and suspected hazards, and waste generator regulations, pertaining to the waste described herein; and I am an employee and duly authorized representative of the Generator. Generator agrees to indemnify and hold CITY Management Corporation and subsidiaries harmless for any claims, liabilities, damages and costs including, but not limited to, attorney's fees, arising out of or in any way related to breach of the above certification by the generator.

Print: [Signature]

Title: OSC

Signed: MICHAEL F. SOLECK

Date: 4/28/99

"I hereby authorize CITY Management Corporation personnel to add supplemental information to the waste approval file provided I am contacted to give verbal permission. I authorize CITY Management Corporation personnel to obtain a sample from any waste shipment for purposes of verification and confirmation."

Signed: [Signature]

Title: OSC

DATE: / /

Upstate Laboratories, Inc.  
Analysis Results  
Report Number: 87599013

sampled by: Client

APPROVAL: - - -

QC: - - -  
Lab I.D.: 10170

MEADOWLANDS PLATING  
COMPOSITE 13 1100H 03/15/99 C

ULI 2.5.7 87599016

Matrix: Liquid

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILES
Flash	0.34	03/18/99		WC5268
STU/lb	<800STU/lb	03/24/99		WC5225
Flash Point	>80degC	03/25/99		WC5350
TCLP Arsenic	0.032mg/l	03/26/99		ME2030
TCLP Barium	<0.6mg/l	03/26/99		ME2030
TCLP Cadmium	0.013mg/l	03/26/99		ME2030
TCLP Chromium	2.2mg/l	03/26/99		ME2030
TCLP Copper	86mg/l	03/26/99		ME2030
TCLP Lead	0.6mg/l	03/26/99		ME2030
TCLP Mercury	<0.0004mg/l	03/30/99		ME0671
TCLP Selenium	0.010mg/l	03/26/99		ME2030
TCLP Silver	<0.10mg/l	03/26/99		ME2030
TCLP Zinc	1.4mg/l	03/26/99		ME2030

# GENERATOR WASTE PROFILE



City Environmental, Inc.  
(313) 923-0080  
(313) 923-3375 (FAX)

ATRACS No.: \_\_\_\_\_

Sales Rep: CZ

Submit typed or legibly printed profile with analytical and a one (1) quart representative sample.

C/11

**CITY ENVIRONMENTAL, INC.**  
1923 Frederick Street • Detroit, MI 48211  
MID 980-991-555

☒ Wastewater Treatment      ☐ Chemical Fixation/Stabilization

GENERATOR INFORMATION

Generator Name US EPA Region II      US EPA ID No. NJD 002405736  
Plant Name Meadowlands Plating Site      State ID No. same  
Site Address 890 Patterson Plank Road      FAX (    ) \_\_\_\_\_  
City East Rutherford State NJ      County \_\_\_\_\_ ZIP 07073  
Mail Address 2890 Woodbridge Ave, Bldg 209 (MS-211)  
City Edison State NJ      ZIP 08837  
Authorized Contact M. Solecki      Phone (732) 906.6918  
Emergency Contact Chris Lee (Capitol)      Phone (703) 356-3135

BILLING INFORMATION

Customer Capitol Environmental Services      Established Account? ☒ Yes ☐ No  
Mailing Address 8229 Boone Blvd, Suite 310      If Yes, Account No. \_\_\_\_\_  
City, State, ZIP Vienna, VA 22182      FAX (703) 356-4198  
Technical Contact Mike Schubert      Phone (710) 344-2286/740-344-2185 fax  
Accounting Contact Jessica Harrington      Phone (703) 356-3135

COMMON NAME OF WASTE:

Caustic Plating Liquids - Comp 31

WASTE GENERATION DESCRIPTION

Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) US EPA cleanup of a former plating facility; drums  
has called on-site and then analyzed for constituents of concern based on  
has cat results. Vats of plating liquids placed into drums for disposal

\*\* CERCLA approved facilities only

IS A REPRESENTATIVE SAMPLE INCLUDED? ☐ Yes ☒ No

Approval #

Date:

Update:

PHYSICAL CHARACTERISTICS

Physical state at 70°F: ☐ Solid ☐ Powder/ Dust ☒ Sludge ☒ Liquid  
 (in 70 in some drums)

Color: black / green / varies

Phases/Layers: ☒ Single ☒ Bi-Layered (some) ☐ Multi-Layered

Odor: ☒ None ☐ Mild ☐ Strong

Flash Point: ☐ <73°F. ☐ 74° - 99°F. ☐ 100° - 140°F. ☐ 141° - 200°F. ☐ >200°F. ☒ N.A.

pH Range: ☐ <2 ☐ 2 - 3 ☐ 3 - 7 ☐ 7 - 12.5 ☒ >12.5 ☐ N.A.

Density: ☐ <0.80 ☐ 0.80 - 1.0 ☒ 1.01 - 1.20 ☐ 1.21 - 1.40 Exact: \_\_\_\_\_  
est

CHEMICAL COMPOSITION

<u>sodium hydroxide</u>	<u>10-30 %</u>	<u>zinc</u>	<u>10-140 ppm</u>
<u>water</u>	<u>80-90 %</u>		%
<u>chromium</u>	<u>10-90 ppm</u>		%
<u>copper</u>	<u>5-8 ppm</u>		%
<u>nickel</u>	<u>5-21 ppm</u>		%

QUANTITY AND CONTAINMENT

SHIPPING MODE: BULK LIQUID ☐ BULK SOLID ☐ DRUMS ☒

OTHER/SPECIAL PACKAGING: \_\_\_\_\_

HIGHWAY ☒ RAIL ☐

SHIPPING VOLUME: 8-10

SHIPPING FREQUENCY: PER WEEK ☐ MONTH ☐ OTHER: one time

SHIPPING INFORMATION

US DOT - SHIPPING DESCRIPTION

Proper Shipping Name: RQ, Waste Corrosive Liquid, basic, inorganic, n.o.s.  
(sodium hydroxide, chromium)

Hazard Class 8 UN/NA Number UN 3266 Packing Group II

EMERGENCY RESPONSE GUIDE # 154

SPECIAL REQUIREMENTS

- Certificate of Disposal Required  
If yes, send to who and where? ☒ Yes ☐ No  
Capitol at billing address
- Are loads to be weighed? ☐ Yes ☒ No
- Hazardous Tax exempt?  
If yes, certificate is required with each manifest. ☒ Yes ☐ No
- Purchase order required?  
If yes, please provide number. ☒ Yes ☐ No  
CAP 42199 CL
- Transportation quotation requested? no

Based on RCRA Regulations (40CFR261) and  
Michigan Hazardous Waste Rules (Act 451)

WASTE CHARACTERIZATION

QUESTION	YES	NO	WASTE CODE(S) (If Applicable)
1. Is this a RCRA Hazardous Waste?	X		F003, F007, D002 D007
2. Is the waste a Michigan Hazardous Waste (Act 451)?		X	
3. Does the waste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes)	X		D007
4. Does this waste contain total Mercury greater than 260 ppm?		X	
5. Does the waste exhibit Ignitability? (attach results)		X	
6. Does the waste exhibit Corrosivity? (attach results)	X		D002
7. Does the waste contain reactive cyanide greater than 250 ppm?		X	
8. Does the waste contain reactive sulfide greater than 500 ppm?		X	
9. Does the waste meet any F listing description?			
10. Does the waste meet any K listing description?		X	
11. Does the waste meet any P listing description?		X	
12. Does the waste meet any U listing description?		X	
13. Is this waste subject to Benzene NESHAP regulations? (>10 ppm, Benzene by weight)		X	
14. Is this waste a <u>non-hazardous</u> liquid waste regulated under Michigan Act 451, Part 121?		X	
15. Does the waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm?		X	
16. Is waste generated as a result of UST activity, regulated under 40 CFR 260? (If yes, what was the contents of the tank? _____ )		X	
17. Does this waste contain used oil? (If yes, Total Halogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN)		X	
18. Is the waste exempt under CESQG regulation 40 CFR 261.5? (If yes, must submit CESQG Certification)		X	
19. Is this waste regulated under Subpart CC air emission standards (VOC ≥ 500 PPMW)? If yes, please submit any VOC analysis.		X	
20. Does this waste contain metal fines/powders?		X	
21. Does this waste exhibit any radioactivity?		X	
22. Is this waste pyrophoric, air reactive or explosive?		X	



Based on either TCLP (attach results) or Generator knowledge indicate in the boxes the constituents for which the waste is hazardous.

CHARACTERISTICS AND TCLP ANALYSIS

METALS				BASE NEUTRAL EXTRACT			
	mg/L	Yes	No		mg/L	Yes	No
D004 Arsenic	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D027 1,4 Dichlorobenzene	7.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D005 Barium	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D030 2,4 Dinitrotoluene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D006 Cadmium	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D032 Hexachlorobenzene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D007 Chromium	5.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	D033 Hexachlorobutadiene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D008 Lead	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D034 Hexachloroethane	3.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D009 Mercury	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D036 Nitrobenzene	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D010 Selenium	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D038 Pyridine	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D011 Silver	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D023 M - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<del>D012</del> Copper	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D024 O - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<del>D013</del> Zinc	500.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D025 P - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				D026 TTL Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Z HE ORGANICS							
	mg/L	Yes	No		mg/L	Yes	No
D016 Benzene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D037 Pentachlorophenol	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D018 Carbon Tetrachloride	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D041 2,4,5 - Trichlorophenol	400.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D021 Chlorobenzene	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D042 2,4,6 - Trichlorophenol	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D022 Chloroform	6.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	PESTICIDES			
D026 1,2 Dichloroethane	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D020 Chlordane	0.03	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D029 1,1 Dichloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D012 Endrin	0.02	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D035 Methyl Ethyl Ketone	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D031 Heptachlor (& its Hydroxide)	0.008	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D039 Tetrachloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D013 Lindane	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D040 Trichloroethylene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D014 Methoxychlor	10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D043 Vinyl Chloride	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D015 Toxaphene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				HERBICIDES			
				D016 2,4 D	10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				D017 2,4,5 TP (Silvex)	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Based upon my knowledge of the waste and the process generating the waste, these constituents marked "No" are not present in the waste above hazardous classification levels.

Print: M. Solecki Title: DSC  
 Signed: [Signature] Date: 4/28/99

On behalf of the generator I certify that all information contained in this profile, including attached information, is complete and factual and is an accurate representation of the known and suspected hazards, and waste generator regulations, pertaining to the waste described herein; and I am an employee and duly authorized representative of the Generator. Generator agrees to indemnify and hold CITY Management Corporation and subsidiaries harmless for any claims, liabilities, damages and costs including, but not limited to, attorney's fees, arising out of or in any way related to breach of the above certification by the generator.

Print: M. Solecki Title: DSC  
 Signed: [Signature] Date: 4/28/99

"I hereby authorize CITY Management Corporation personnel to add supplemental information to the waste approval file provided I am contacted to give verbal permission. I authorize CITY Management Corporation personnel to obtain a sample from any waste shipment for purposes of verification and confirmation."

Signed: [Signature] Title: DSC

DATE: / /

Upstate Laboratories, Inc.  
Analysis Results  
Report Number: 07599015

C  
APPROVAL: \_ \_ \_ \_  
QC: \_ \_ \_ \_  
Lab I.D.: 20170

Sampled by: Client

MEADOWLANDS PLATING  
COMPOSITE 11 1515H 03/12/99 C

ULI I.D.: 07599015

Matrix: Liquid

PARAMETERS		RESULTS	DATE ANAL.	KEY	REMARKS
-----		-----	-----	---	---
pH		>12.88V	03/17/99		03/17/99
RCRA Reactivity					
Reactive Sulfide		<50mg/kg	03/18/99		03/18/99
Reactive Cyanide		<21mg/kg	03/25/99		03/25/99
Total	Aluminum	41mg/kg	03/26/99		03/26/99
Total	Antimony	<6.0mg/kg	03/26/99		03/26/99
Total	Arsenic by furnace method	0.089mg/kg	03/26/99		03/26/99
Total	Barium	<6.0mg/kg	03/26/99		03/26/99
Total	Beryllium	<0.1mg/kg	03/26/99		03/26/99
Total	Cadmium	<0.1mg/kg	03/26/99		03/26/99
Total	Calcium	26mg/kg	03/29/99		03/29/99
Total	Chromium	80mg/kg	03/26/99		03/26/99
Total	Cobalt	<1.0mg/kg	03/26/99		03/26/99
Total	Copper	7.1mg/kg	03/26/99		03/26/99
Total	Iron	22mg/kg	03/26/99		03/26/99
Total	Lead	0.72mg/kg	03/26/99		03/26/99
Total	Magnesium	<10mg/kg	03/29/99		03/29/99
Total	Manganese	<0.4mg/kg	03/26/99		03/26/99
Total	Mercury	0.006mg/kg	03/30/99		03/30/99
Total	Nickel	21mg/kg	03/26/99		03/26/99
Total	Potassium	200mg/kg	03/29/99		03/29/99
Total	Selenium by furnace method	0.037mg/kg	03/26/99		03/26/99
Total	Silver	<1.0mg/kg	03/26/99		03/26/99
Total	Sodium	34,000mg/kg	03/29/99		03/29/99
Total	Thallium by furnace method	<0.06mg/kg	03/26/99		03/26/99
Total	Vanadium	<6.0mg/kg	03/26/99		03/26/99
Total	Zinc	140mg/kg	03/26/99		03/26/99

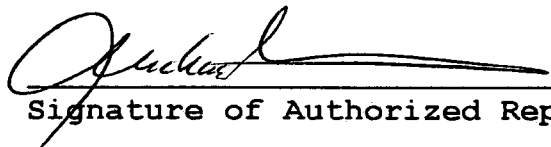
City Environmental, Inc.  
SUBPART CC CERTIFICATION

Generator Name: US EPA Region II-Meadowlands Plating Site

Profile Number: \_\_\_\_\_  
*Caustic Plating Liquids - Comp 3*

I, \_\_\_\_\_, On-Site Coordinator, a duly authorized  
Name Title  
representative of US EPA Region II, do hereby certify that the  
Company  
information contained in the above referenced profile is complete  
and accurate, and further represent and certify that this waste  
does not contain Volatile Organic Compounds (VOC's) in  
concentrations greater than 500 ppmw (total).

This certification is made based upon my knowledge and/or process  
generating this hazardous waste and does account for any seasonal  
or process variability that may effect VOC concentrations.

  
Signature of Authorized Representative

4/28/99  
Date

Michael F. Soucek  
Printed Name of Authorized Representative

CITY ENVIRONMENTAL, INC.  
SURCHARGE EXEMPTION CERTIFICATION

Generator: US EPA Region II-Meadowlands Plating Site  
Address: 890 Patterson Plank Road, East Rutherford, NJ 07073  
EPA ID#: \_\_\_\_\_  
Approval #: \_\_\_\_\_

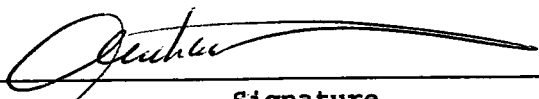
This certification is pursuant to Section 324.11108(4) of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451 (Act 451).

WASTE TYPE: F008, F009, D002, 0007  
WASTE DESCRIPTION: Caustic Plating Liquids-Comp 3  
QUANTITY AND UNITS: 8-10 drums  
MANIFEST NUMBER: \_\_\_\_\_

The following hazardous waste is exempt from the fees provided for in this section:

- ☐ Ash that results from the incineration of hazardous waste or the incineration of solid waste as defined in part 115.
- ☐ Hazardous waste exempted by rule because of its character or the treatment it has received.
- ☒ Hazardous waste that is removed from a site of environmental contamination that is included in a list submitted to the legislature pursuant to section 20105, or hazardous waste that is removed as part of a site cleanup activity at the expense of the state or federal government.
- ☐ Solidified hazardous waste produced by a solidification facility licensed pursuant to section 11123 and destined for land disposal.
- ☐ Hazardous waste generated pursuant to a 1-time closure or site cleanup activity in this state if the closure or cleanup activity has been authorized in writing by the department. Hazardous waste resulting from the cleanup of inadvertent releases which occur after March 30, 1998 is not exempt from the fee.
- ☐ Primary and secondary wastewater treatment solids from a wastewater treatment plant that includes an aggressive biological treatment facility as defined in section 3005(j)(12)(B) of subtitle C of the solid waste disposal act, 42 U.S.C. 6925.
- ☐ Emission control dust or sludge from the primary production of steel in electric furnaces.

4/28/89  
\_\_\_\_\_  
Date  
USEPA  
\_\_\_\_\_  
Company Name

  
\_\_\_\_\_  
Signature  
Michael F. Solocki  
\_\_\_\_\_  
Printed Name

# GENERATOR WASTE PROFILE



City Environmental, Inc.  
(313) 923-0080  
(313) 923-9376 (FAX)

ATRACS No.: \_\_\_\_\_

Sales Rep: CZ

Submit typed or legibly printed profile with analytical and a one (1) quart representative sample.

B/10

**CITY ENVIRONMENTAL, INC.**  
1923 Frederick Street • Detroit, MI 48211  
MID 980-991-555

☒ Wastewater Treatment    ☐ Chemical Fixation/Stabilization

GENERATOR INFORMATION

Generator Name US EPA Region II    US EPA ID No. NJD 002405736  
Plant Name Meadowlands Plating Site    State ID No. same  
Site Address 890 Patterson Plank Road    FAX (    ) \_\_\_\_\_  
City East Rutherford State NJ    County \_\_\_\_\_ ZIP 07073  
Mail Address 2890 Woodbridge Ave., Bldg 209 (MS-211)  
City Edison State NJ    ZIP 08837  
Authorized Contact M. Solecki    Phone (732) 906.6918  
Emergency Contact Chris Lee (Capitol)    Phone (703) 356-3135

BILLING INFORMATION

Customer Capitol Environmental Services    Established Account? ☒ Yes ☐ No  
Mailing Address 8229 Boone Blvd, Suite 310    If Yes, Account No. \_\_\_\_\_  
City, State, ZIP Vienna, VA 22182    FAX (703) 356-4198  
Technical Contact Mike Schubert    Phone (740) 344-2286/740-344-2185 fax  
Accounting Contact Jerrica Harrington    Phone (703) 356-3135

COMMON NAME OF WASTE: Acidic Plating Liquids - Comp 30

WASTE GENERATION DESCRIPTION

Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) US EPA cleanup of a former plating facility; drums  
has called on-site and then analyzed for constituents of concern based on  
haz cat results. Vats of plating liquids placed into drums for disposal  
\*\* CERCLA approved facilities only

IS A REPRESENTATIVE SAMPLE INCLUDED?    ☐ Yes    ☒ No

Approval & Date: \_\_\_\_\_  
Update: \_\_\_\_\_

PHYSICAL CHARACTERISTICS

Physical state at 70°F: ☐ Solid ☐ Powder/ Dust ☒ Sludge ☒ Liquid  
 (≤10% in some drums)

Color: black/green/vars

Phases/Layers: ☒ Single ☒ Bi-Layered (some drums) ☐ Multi-Layered

Odor: ☒ None ☐ Mild ☐ Strong

Flash Point: ☐ <73°F. ☐ 74° - 99°F. ☐ 100° - 140°F. ☐ 141° - 200°F. ☐ >200°F. ☒ N.A.

pH Range: ☒ <2 ☐ 2 - 3 ☐ 3 - 7 ☐ 7 - 12.5 ☐ >12.5 ☐ N.A.

Density: ☐ <0.80 ☐ 0.80 - 1.0 ☒ 1.01 - 1.20 ☐ 1.21 - 1.40 Exact: \_\_\_\_\_  
 est

CHEMICAL COMPOSITION

<u>chromic acid based plating liquid</u>	<u>4-5 %</u>	<u>antimony</u>	<u>10-870 ppm</u>
<u>water</u>	<u>40-80 %</u>	<u>lead</u>	<u>5-57 ppm</u>
<u>plating sludge/solids/dirt</u>	<u>0-10 %</u>	<u>selenium</u>	<u>10-82 ppm</u>
<u>arsenic</u>	<u>10-190 ppm</u>	<u>silver</u>	<u>5-10 ppm</u>
<u>chromium</u>	<u>5-6 %</u>	<u>thallium</u>	<u>5-100 ppm</u>
<u>nickle</u>	<u>100-3800 ppm</u>	<u>copper</u>	<u>100-2500 ppm</u>
		<u>zinc</u>	<u>10-560 ppm</u>

QUANTITY AND CONTAINMENT

SHIPPING MODE: BULK LIQUID ☐ BULK SOLID ☐ DRUMS ☒

OTHER/SPECIAL PACKAGING: \_\_\_\_\_

HIGHWAY ☒ RAIL ☐

SHIPPING VOLUME: 13-15

SHIPPING FREQUENCY: PER WEEK ☐ MONTH ☐ OTHER: one time

SHIPPING INFORMATION

US DOT - SHIPPING DESCRIPTION

Proper Shipping Name: RQ, Waste Corrosive Liquid, Acidic, Inorganic, n.o.s.  
(chromic acid, copper)

Hazard Class 8 UN/NA Number UN3265 Packing Group II

EMERGENCY RESPONSE GUIDE # 153

SPECIAL REQUIREMENTS

1. Certificate of Disposal Required  
 If yes, send to who and where? ☒ Yes ☐ No  
Capitol at billing address

2. Are loads to be weighed? ☐ Yes ☒ No

3. Hazardous Tax exempt?  
 If yes, certificate is required with each manifest. ☒ Yes ☐ No

4. Purchase order required?  
 If yes, please provide number. ☒ Yes ☐ No  
CAP 421 99 C L

5. Transportation quotation requested? No

Based on RCRA Regulations (40CFR261) and  
Michigan Hazardous Waste Rules (Act 451)

WASTE CHARACTERIZATION

QUESTION	YES	NO	WASTE CODE(S) (If Applicable)
1. Is this a RCRA Hazardous Waste?	X		F003, F009, D003, D008 D004, D010, D011, D027
2. Is the waste a Michigan Hazardous Waste (Act 451)?		X	
3. Does the waste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes)	X		D004, D010, D011 D007, D008
4. Does this waste contain total Mercury greater than 260 ppm?		X	
5. Does the waste exhibit Ignitability? (attach results)		X	
6. Does the waste exhibit Corrosivity? (attach results)	X		D002
7. Does the waste contain reactive cyanide greater than 260 ppm?		X	
8. Does the waste contain reactive sulfide greater than 500 ppm?		X	
9. Does the waste meet any F listing description?	X		F003, F009
10. Does the waste meet any K listing description?		X	
11. Does the waste meet any P listing description?		X	
12. Does the waste meet any U listing description?		X	
13. Is this waste subject to Benzene NESHA regulations? (>10 ppm, Benzene by weight)		X	
14. Is this waste a <del>non-hazardous</del> liquid waste regulated under Michigan Act 451, Part 121?		X	
15. Does the waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm?		X	
16. Is waste generated as a result of UST activity, regulated under 40 CFR 260? (If yes, what was the contents of the tank? _____ )		X	
17. Does this waste contain used oil? (If yes, Total Halogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN)		X	
18. Is the waste exempt under CESQG regulation 40 CFR 261.5? (If yes, must submit CESQG Certification)		X	
19. Is this waste regulated under Subpart CC air emission standards (VOC ≥ 500 PPMW)? If yes, please submit any VOC analysis.		X	
20. Does this waste contain metal fines/powders?		X	
21. Does this waste exhibit any radioactivity?		X	
22. Is this waste pyrophoric, air reactive or explosive?		X	

Based on either TCLP (attach results) or Generator knowledge indicate in the boxes the constituents for which the waste is hazardous.

CHARACTERISTICS AND TCLP ANALYSIS

METALS				BASE NEUTRAL EXTRACT			
	mg/L	Yes	No		mg/L	Yes	No
D004 Arsenic	5.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D027 1,4 Dichlorobenzene	7.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D005 Barium	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D030 2,4 Dinitrotoluene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D006 Cadmium	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D032 Hexachlorobenzene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D007 Chromium	5.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D033 Hexachlorobutadiene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D008 Lead	5.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D034 Hexachloroethane	3.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D009 Mercury	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D036 Nitrobenzene	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D010 Selenium	1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D038 Pyridine	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D011 Silver	5.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D023 M - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D012 Copper	100.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D024 O - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D013 Zinc	500.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D025 P - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				D026 TTL Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Z HE ORGANICS	mg/L	Yes	No	D037 Pentachlorophenol	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D018 Benzene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D041 2,4,6 - Trichlorophenol	400.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D019 Carbon Tetrachloride	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D042 2,4,6 - Trichlorophenol	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D021 Chlorobenzene	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
D022 Chloroform	6.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	PESTICIDES	mg/L	Yes	No
D028 1,2 Dichloroethane	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D020 Chlordane	0.03	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D029 1,1 Dichloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D012 Endrin	0.02	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D035 Methyl Ethyl Ketone	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D031 Heptachlor (& its Hydroxide)	0.008	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D039 Tetrachloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D013 Lindane	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D040 Trichloroethylene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D014 Methoxychlor	10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D043 Vinyl Chloride	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D015 Toxaphene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				HERBICIDES	mg/L	Yes	No
				D016 2,4 D	10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				D017 2,4,6 TP (Silvex)	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Based upon my knowledge of the waste and the process generating the waste, these constituents marked "No" are not present in the waste above hazardous classification levels.

Print: M. Selecki Title: OSC  
Signed: [Signature] Date: 4/28/99

On behalf of the generator I certify that all information contained in this profile, including attached information, is complete and factual and is an accurate representation of the known and suspected hazards, and waste generator regulations, pertaining to the waste described herein; and I am an employee and duly authorized representative of the Generator. Generator agrees to indemnify and hold CITY Management Corporation and subsidiaries harmless for any claims, liabilities, damages and costs including, but not limited to, attorney's fees, arising out of or in any way related to breach of the above certification by the generator.

Print: M. Selecki Title: OSC  
Signed: [Signature] Date: 4/28/99

"I hereby authorize CITY Management Corporation personnel to add supplemental information to the waste approval file provided I am contacted to give verbal permission. I authorize CITY Management Corporation personnel to obtain a sample from any waste shipment for purposes of verification and confirmation."

Signed: [Signature] Title: OSC



CITY ENVIRONMENTAL, INC.  
SURCHARGE EXEMPTION CERTIFICATION

Generator: US EPA Region II-Meadowlands Plating Site  
Address: 890 Patterson Plank Road, East Rutherford, NJ 07073  
EPA ID#: \_\_\_\_\_  
Approval #: \_\_\_\_\_

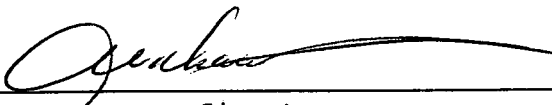
This certification is pursuant to Section 324.11108(4) of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451 (Act 451).

WASTE TYPE: F008, F009, D002, D004, D010, D011, 0007, 0009  
WASTE DESCRIPTION: Acidic Plating Liquids-Comp 2  
QUANTITY AND UNITS: 13-15 drums  
MANIFEST NUMBER: \_\_\_\_\_

The following hazardous waste is exempt from the fees provided for in this section:

- ☐ Ash that results from the incineration of hazardous waste or the incineration of solid waste as defined in part 115.
- ☐ Hazardous waste exempted by rule because of its character or the treatment it has received.
- ☒ Hazardous waste that is removed from a site of environmental contamination that is included in a list submitted to the legislature pursuant to section 20105, or hazardous waste that is removed as part of a site cleanup activity at the expense of the state or federal government.
- ☐ Solidified hazardous waste produced by a solidification facility licensed pursuant to section 11123 and destined for land disposal.
- ☐ Hazardous waste generated pursuant to a 1-time closure or site cleanup activity in this state if the closure or cleanup activity has been authorized in writing by the department. Hazardous waste resulting from the cleanup of inadvertent releases which occur after March 30, 1998 is not exempt from the fee.
- ☐ Primary and secondary wastewater treatment solids from a wastewater treatment plant that includes an aggressive biological treatment facility as defined in section 3005(j)(12)(B) of subtitle C of the solid waste disposal act, 42 U.S.C. 6925.
- ☐ Emission control dust or sludge from the primary production of steel in electric furnaces.

4/28/89  
\_\_\_\_\_  
Date  
USEPA  
\_\_\_\_\_  
Company Name

  
\_\_\_\_\_  
Signature  
Michael F. Solender  
\_\_\_\_\_  
Printed Name

City Environmental, Inc.

Generator Name: US EPA Region II-Meadowlands Plating Site

Profile Number:

I, \_\_\_\_\_, On-Site Coordinator, a duly authorized  
 \_\_\_\_\_  
 Name Title  
 representative of US EPA Region II, do hereby certify that the  
 \_\_\_\_\_  
 Company

This certification is made based upon my knowledge and/or process generating this hazardous waste and does account for any seasonal or process variability that may effect VOC concentrations.

  
Signature of Authorized Representative

4/28/99  
Date

MICHAEL F. SOLECKI  
Printed Name of Authorized Representative

DATE: / /

Upstate Laboratories, Inc.  
Analysis Results  
Report Number: 07599015

Sampled by: Client

APPROVAL: - - -  
QC: - - -  
Lab I.D.: 10170

MEADOWLANDS PLATING  
COMPOSITE 10 1615H 03/15/99 C

ULI I.D.: 07599015

Matrix: Liquid

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
PH	12.080	03/17/99	---	WCH241
Nitrate-Nitrogen	0.3mg/kg	03/17/99	---	WCH207
Chloride	<24,000mg/kg	03/26/99	---	WCH368
Sulfate	520mg/kg	03/18/99	---	WCH289
Specific Gravity	1.3	03/24/99	---	WCH331
Total Suspended Solids	630mg/kg	03/18/99	---	WCH263
Total Aluminum	260mg/kg	03/26/99	---	MR2030
Total Antimony	870mg/kg	03/26/99	---	MR2010
Total Arsenic by furnace method	190mg/kg	03/26/99	---	MR2030
Total Barium	<30mg/kg	03/26/99	---	MR2010
Total Beryllium	<0.50mg/kg	03/26/99	---	MR2030
Total Cadmium	<0.5mg/kg	03/26/99	---	MR2030
Total Calcium	1100mg/kg	03/29/99	---	MR2030
Total Chromium	54,000mg/kg	03/26/99	---	MR2030
Total Cobalt	<5.0mg/kg	03/26/99	---	MR2030
Total Copper	2600mg/kg	03/26/99	---	MR2030
Total Iron	1800mg/kg	03/26/99	---	MR2030
Total Lead	57mg/kg	03/26/99	---	MR2030
Total Magnesium	550mg/kg	03/29/99	---	MR2030
Total Manganese	7.2mg/kg	03/26/99	---	MR2030
Total Mercury	<0.004mg/kg	03/30/99	---	MR0871
Total Nickel	3800mg/kg	03/26/99	---	MR2030
Total Potassium	260mg/kg	03/29/99	---	MR2030
Total Selenium by furnace method	82mg/kg	03/26/99	---	MR2030
Total Silver	10mg/kg	03/26/99	---	MR2030
Total Sodium	4000mg/kg	03/29/99	---	MR2030
Total Thallium by furnace method	180mg/kg	03/26/99	---	MR2030
Total Vanadium	<30mg/kg	03/26/99	---	MR2030
Total Zinc	560mg/kg	03/26/99	---	MR2030
TCLP Arsenic	83mg/l	03/26/99	---	MR2030
TCLP Barium	0.7mg/l	03/26/99	---	MR2030
TCLP Cadmium	<0.05mg/l	03/26/99	---	MR2030
TCLP Chromium	5300mg/l	03/26/99	---	MR2030
TCLP Copper	2500mg/l	03/26/99	---	MR2030
TCLP Lead	23mg/l	03/26/99	---	MR2030
TCLP Mercury	<0.0004mg/l	03/30/99	---	MR0871
TCLP Selenium	36mg/l	03/26/99	---	MR2030
TCLP Silver	6.7mg/l	03/26/99	---	MR2030
TCLP Zinc	210mg/l	03/26/99	---	MR2030

# GENERATOR WASTE PROFILE



City Environmental, Inc.  
(313) 923-0080  
(313) 923-3375 (FAX)

ATRACS No.: \_\_\_\_\_

Sales Rep: CZ

Submit typed or legibly printed profile with analytical and a one (1) quart representative sample.

## CITY ENVIRONMENTAL, INC.

1923 Frederick Street • Detroit, MI 48211

MID 980-991-555

☒ Wastewater Treatment ☐ Chemical Fixation/Stabilization

GENERATOR INFORMATION

Generator Name US EPA Region II US EPA ID No. NJD 002405736  
Plant Name Meadowlands Plating Site State ID No. same  
Site Address 890 Patterson Plank Road FAX ( ) \_\_\_\_\_  
City East Rutherford State NJ County \_\_\_\_\_ ZIP 07073  
Mail Address 2890 Wardbridge Ave, Bldg 209 (MS-211)  
City Edison State NJ ZIP 08837  
Authorized Contact Mike Solecki Phone (732) 906-6918 Attn: \_\_\_\_\_  
Emergency Contact Chris Lee (Capitol) Phone (703) 356-3135

BILLING INFORMATION

Customer Capitol Environmental Services Established Account? ☒ Yes ☐ No  
Mailing Address 8229 Boone Blvd, Suite 310 If Yes, Account No. \_\_\_\_\_  
City, State, ZIP Vienna, VA 22182 FAX (703) 356-4198  
Technical Contact Mike Schubert Phone (740) 344-2286 / 740-344-2185 fax  
Accounting Contact Jessica Harrington Phone (703) 356-3135

COMMON NAME OF WASTE: Neutral Plating Liquids - Comp 9

WASTE GENERATION DESCRIPTION

Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) US EPA Cleanup of a former plating facility; drums  
haz cat'd on-site and then analyzed for constituents of concern based on  
haz cat results. Vats of plating liquids placed into drums for disposal

\*\* CERCLA approved facilities only

IS A REPRESENTATIVE SAMPLE INCLUDED? ☐ Yes ☒ No

Approval #

Date:

Update:

PHYSICAL CHARACTERISTICS

Physical state at 70°F: ☐ Solid ☐ Powder/ Dust ☒ Sludge (40%) ☒ Liquid

Color: black/green/vars

Phases/Layers: ☒ Single ☒ Bi-Layered (same drums) ☐ Multi-Layered

Odor: ☒ None ☐ Mild ☐ Strong

Flash Point: ☐ <73°F. ☐ 74° - 99°F. ☐ 100° - 140°F. ☐ 141° - 200°F. ☐ >200°F. ☒ N.A.

pH Range: ☐ <2 ☐ 2 - 3 ☒ 3 - 7 ☐ 7 - 12.5 ☐ >12.5 ☐ N.A.

Density: ☐ <0.80 ☐ 0.80 - 1.0 ☒ 1.01 - 1.20 ☐ 1.21 - 1.40 Exact: est

CHEMICAL COMPOSITION

<u>aqueous plating liquid/water</u>	<u>80-100 %</u>	<u>zinc</u>	<u>5-280 ppm</u>
<u>plating sludge/solids/dirt</u>	<u>0-10 %</u>	<u>selenium</u>	<u>5-10 ppm</u>
<u>chromium</u>	<u>5-120 ppm</u>	<u>surfactants/detergents</u>	<u>5-10</u>
<u>copper</u>	<u>5-180 ppm</u>		<u>%</u>
<u>nickle</u>	<u>100-8400 ppm</u>		<u>%</u>

QUANTITY AND CONTAINMENT

SHIPPING MODE: BULK LIQUID ☐ BULK SOLID ☐ DRUMS ☒

OTHER/SPECIAL PACKAGING: \_\_\_\_\_

HIGHWAY ☒ RAIL ☐

SHIPPING VOLUME: \_\_\_\_\_

SHIPPING FREQUENCY: PER WEEK ☐ MONTH ☐ OTHER: one time

SHIPPING INFORMATION

US DOT - SHIPPING DESCRIPTION

Proper Shipping Name: RA, Hazardous Waste, Liquid, n.o.s.  
(nickle, chromium)

Hazard Class 9 UN/NA Number NA 3082 Packing Group III

EMERGENCY RESPONSE GUIDE # 171

SPECIAL REQUIREMENTS

- Certificate of Disposal Required  
If yes, send to who and where? ☒ Yes ☐ No  
Capitol at billing address
- Are loads to be weighed? ☐ Yes ☒ No
- Hazardous Tax exempt?  
If yes, certificate is required with each manifest. ☒ Yes ☐ No
- Purchase order required?  
If yes, please provide number. ☒ Yes ☐ No  
CAP 42199CL
- Transportation quotation requested? No

Based on RCRA Regulations (40CFR261) and  
Michigan Hazardous Waste Rules (Act 451)

WASTE CHARACTERIZATION

QUESTION	YES	NO	WASTE CODE(S) (If Applicable)
1. Is this a RCRA Hazardous Waste?	X		F007, F008, F009 D010, D007
2. Is the waste a Michigan Hazardous Waste (Act 451)?		X	
3. Does the waste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes)	X		D007, D010
4. Does this waste contain total Mercury greater than 260 ppm?		X	
5. Does the waste exhibit Ignitability? (attach results)		X	
6. Does the waste exhibit Corrosivity? (attach results)		X	
7. Does the waste contain reactive cyanide greater than 250 ppm?		X	
8. Does the waste contain reactive sulfide greater than 500 ppm?		X	
9. Does the waste meet any F listing description?	X		F007, F008, F009
10. Does the waste meet any K listing description?		X	
11. Does the waste meet any P listing description?		X	
12. Does the waste meet any U listing description?		X	
13. Is this waste subject to Benzene NESHAP regulations? (>10 ppm, Benzene by weight)		X	
14. Is this waste a <u>non-hazardous</u> liquid waste regulated under Michigan Act 451, Part 121?		X	
15. Does the waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm?		X	
16. Is waste generated as a result of UST activity, regulated under 40 CFR 280? (If yes, what was the contents of the tank? _____)		X	
17. Does this waste contain used oil? (If yes, Total Halogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN)		X	
18. Is the waste exempt under CESQG regulation 40 CFR 261.5? (If yes, must submit CESQG Certification)		X	
19. Is this waste regulated under Subpart CC air emission standards (VOC ≥ 500 PPMW)? If yes, please submit any VOC analysis.		X	
20. Does this waste contain metal fines/powders?		X	
21. Does this waste exhibit any radioactivity?		X	
22. Is this waste pyrophoric, air reactive or explosive?		X	

Based on either TCLP (attach results) or Generator knowledge indicate in the boxes the constituents for which the waste is hazardous.

CHARACTERISTICS AND TCLP ANALYSIS

METALS	mg/L	Yes	No	BASE NEUTRAL EXTRACT	mg/L	Yes	No
D004 Arsenic	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D027 1,4 Dichlorobenzene	7.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D005 Barium	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D030 2,4 Dinitrotoluene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D006 Cadmium	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D032 Hexachlorobenzene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D007 Chromium	5.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D033 Hexachlorobutadiene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D008 Lead	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D034 Hexachloroethane	3.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D009 Mercury	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D036 Nitrobenzene	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D010 Selenium	1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D038 Pyridine	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D011 Silver	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D023 M - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D012 Copper	100.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D024 O - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D013 Zinc	500.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D025 P - Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				D026 TLL Cresol	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				D037 Pentachlorophenol	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Z HE ORGANICS	mg/L	Yes	No	D041 2,4,5 - Trichlorophenol	400.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D018 Benzene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D042 2,4,6 - Trichlorophenol	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D019 Carbon Tetrachloride	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
D021 Chlorobenzene	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	PESTICIDES	mg/L	Yes	No
D022 Chloroform	6.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D020 Chlordane	0.03	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D028 1,2 Dichloroethane	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D012 Endrin	0.02	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D029 1,1 Dichloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D031 Heptachlor (& its Hydroxide)	0.008	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D035 Methyl Ethyl Ketone	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D013 Lindane	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D039 Tetrachloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D014 Methoxychlor	10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D040 Trichloroethylene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D015 Toxaphene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D043 Vinyl Chloride	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>				
				HERBICIDES	mg/L	Yes	No
				D016 2,4 D	10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				D017 2,4,5 TP (Silvex)	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Based upon my knowledge of the waste and the process generating the waste, these constituents marked "No" are not present in the waste above hazardous classification levels.

Print: Mike Solecki Title: OSC  
Signed: [Signature] Date: 4/28/99

On behalf of the generator I certify that all information contained in this profile, including attached information, is complete and factual and is an accurate representation of the known and suspected hazards, and waste generator regulations, pertaining to the waste described herein; and I am an employee and duly authorized representative of the Generator. Generator agrees to indemnify and hold CITY Management Corporation and subsidiaries harmless for any claims, liabilities, damages and costs including, but not limited to, attorney's fees, arising out of or in any way related to breach of the above certification by the generator.

Print: Mike Solecki Title: OSC  
Signed: [Signature] Date: 4/28/99

"I hereby authorize CITY Management Corporation personnel to add supplemental information to the waste approval file provided I am contacted to give verbal permission. I authorize CITY Management Corporation personnel to obtain a sample from any waste shipment for purposes of verification and confirmation."

Signed: [Signature] Title: OSC

DATE: / /

Upstate Laboratories, Inc.  
Analysis Results  
Report Number: 07599019

Sampled by: Client

APPROVAL: - - - -

QC: Lab I.D.: 10170

MEADOWLANDS FLATING  
COMPOSITE 9 1500X 03/15/99 C

OLI I.D.: 07599017

Matrix: Liquid

PARAMETERS	RESULTS	DATE ANAL.	KEY
-----	-----	-----	-----
pH	8.950	03/17/99	WCH243
Specific Gravity	1.1	03/26/99	WCH243
Total Suspended Solids	34,600mg/kg	03/18/99	WCH243
Total Aluminum	12mg/kg	03/26/99	WCH243
- Total Antimony	46.0mg/kg	03/26/99	WCH243
- Total Arsenic by furnace method	1.0mg/kg	03/26/99	WCH243
- Total Barium	14mg/kg	03/26/99	WCH243
- Total Beryllium	<0.10mg/kg	03/26/99	WCH243
- Total Cadmium	0.2mg/kg	03/26/99	WCH243
Total Calcium	190mg/kg	03/29/99	WCH243
- Total Chromium	120mg/kg	03/26/99	WCH243
Total Cobalt	3.6mg/kg	03/26/99	WCH243
Total Copper	140mg/kg	03/26/99	WCH243
Total Iron	610mg/kg	03/26/99	WCH243
- Total Lead	6.1mg/kg	03/26/99	WCH243
Total Magnesium	36mg/kg	03/29/99	WCH243
Total Manganese	5.7mg/kg	03/26/99	WCH243
- Total Mercury	<0.004mg/kg	03/30/99	WCH243
Total Nickel	8400mg/kg	03/26/99	WCH243
Total Potassium	1800mg/kg	03/29/99	WCH243
- Total Selenium by furnace method	9.8mg/kg	03/26/99	WCH243
- Total Silver	<1.0mg/kg	03/26/99	WCH243
Total Sodium	12,000mg/kg	03/29/99	WCH243
- Total Thallium by furnace method	<0.06mg/kg	03/26/99	WCH243
- Total Vanadium	<6.0mg/kg	03/26/99	WCH243
- Total Zinc	240mg/kg	03/26/99	WCH243
TCLP Arsenic	0.68mg/l	03/26/99	WCH243
TCLP Barium	<1.2mg/l	03/26/99	WCH243
TCLP Cadmium	0.19mg/l	03/26/99	WCH243
TCLP Chromium	14mg/l	03/26/99	WCH243
TCLP Copper	140mg/l	03/26/99	WCH243
TCLP Lead	1.6mg/l	03/26/99	WCH243
TCLP Mercury	<0.0004mg/l	03/30/99	WCH243
TCLP Selenium	3.6mg/l	03/26/99	WCH243
TCLP Silver	0.10mg/l	03/26/99	WCH243
TCLP Zinc	18mg/l	03/26/99	WCH243



CITY ENVIRONMENTAL, INC.  
SURCHARGE EXEMPTION CERTIFICATION

Generator: US EPA Region II-Meadowlands Plating Site  
Address: 890 Patterson Plank Road, East Rutherford, NJ 07073  
EPA ID#: \_\_\_\_\_  
Approval #: \_\_\_\_\_

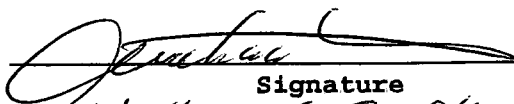
This certification is pursuant to Section 324.11108(4) of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451 (Act 451).

WASTE TYPE: F007, F008, F009, D010, 0007  
WASTE DESCRIPTION: Neutral Plating Liquids-Comp 1  
QUANTITY AND UNITS: 9-12 drums  
MANIFEST NUMBER: \_\_\_\_\_

The following hazardous waste is exempt from the fees provided for in this section:

- ☐ Ash that results from the incineration of hazardous waste or the incineration of solid waste as defined in part 115.
- ☐ Hazardous waste exempted by rule because of its character or the treatment it has received.
- ☒ Hazardous waste that is removed from a site of environmental contamination that is included in a list submitted to the legislature pursuant to section 20105, or hazardous waste that is removed as part of a site cleanup activity at the expense of the state or federal government.
- ☐ Solidified hazardous waste produced by a solidification facility licensed pursuant to section 11123 and destined for land disposal.
- ☐ Hazardous waste generated pursuant to a 1-time closure or site cleanup activity in this state if the closure or cleanup activity has been authorized in writing by the department. Hazardous waste resulting from the cleanup of inadvertent releases which occur after March 30, 1998 is not exempt from the fee.
- ☐ Primary and secondary wastewater treatment solids from a wastewater treatment plant that includes an aggressive biological treatment facility as defined in section 3005(j)(12)(B) of subtitle C of the solid waste disposal act, 42 U.S.C. 6925.
- ☐ Emission control dust or sludge from the primary production of steel in electric furnaces.

4/28/99  
\_\_\_\_\_  
Date  
USEPA  
\_\_\_\_\_  
Company Name

  
\_\_\_\_\_  
Signature  
Michael F. Solecki  
\_\_\_\_\_  
Printed Name

City Environmental, Inc.  
SUBPART CC CERTIFICATION

Generator Name: US EPA Region II-Meadowlands Plating Site

Profile Number: \_\_\_\_\_  
*Neutral Plating Liquids - Comp 1*

I, MICHAEL F. SOLECKI, On-Site Coordinator, a duly authorized  
Name Title  
representative of US EPA Region II, do hereby certify that the  
Company  
information contained in the above referenced profile is complete  
and accurate, and further represent and certify that this waste  
does not contain Volatile Organic Compounds (VOC's) in  
concentrations greater than 500 ppmw (total).

This certification is made based upon my knowledge and/or process  
generating this hazardous waste and does account for any seasonal  
or process variability that may effect VOC concentrations.

  
Signature of Authorized Representative

4/28/99  
Date

MICHAEL F. SOLECKI  
Printed Name of Authorized Representative